

ILLUMINATION SYSTEM

ABSTRACT OF THE DISCLOSURE

An illumination system has a mounting plate, a plurality of thermally conductive circuit boards in thermal contact with the mounting plate, a plurality of light emitting diodes electrically and thermally communicating with the circuit board strips, an optical lens formed as a translucent dome covering the circuit boards and light emitting diodes, and a lamp base operatively coupled to the mounting plate and circuit boards. The light emitting diodes receive power from an external electrical source entering the system through the base and the circuit boards.